

Action Item Log (DRAFT) For Team's 03/28/12 Site meeting \*\* Entercements confidential and Attorney-Client Privileged Information\*\*

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1 2 3 4 4 5 5 XXXX 1 1 2 2 3 3	MEETING TORA- Conference cell to PRPs to discuss implications on CAP survey. RIFSF - Fate & Transport model study & response. RIFSF - Songlette TAG for USACOE Tresh Assistance. RIFSF - On 2016/12 Responsints posted the Dorth Beseline Ecosgosal Risk Assessment to the to the project document webute, in the "SURVEY-Working-Documents" directory. RIFSF - Un-mixing makeus meeting for the SURV bits Wednesday 3/21/12 (ap. noon all TOSE) in Austin. ONGOING ACTIVE ITEMS EROM PREVIOUS MEETINGS. TORA - Vet in proprietd page of Respondents Survey of the cap		Vol Gery Gery Gery	03/28/12 3/21/2012 3/11/2012 3/20/2012		XXXX	Vs email. Say requests comments from Vackey (TCEO). Aller
1 2 3 4 4 5 5 XXXX 1 1 2 2 3 3	TORA - Conference cell to PRPs to discuss implications on CAP survey.  RISF - Fate & Trensport model study & response.  RISFS - Complete TAG for USACOE Tech Assistance.  RISFS - On COTIGN 2 Respondents posted the Draft Baseline  Ecological Risk Assessment to the to the project document website, in the SURVEY-Working-Document's directory.  RISFS - Un-misting markus meeting for the SURVEY site Workness  2012/12 (ap. noon all TOSE) in Austin.  ONGOING ACTIVE TIPMS FROM PREVIOUS MEE TINGS.  TORA - Visit in progressing only frespondents Survey of the cap.		Vol Gery Gery Gery	03/28/12 3/21/2012 3/11/2012 3/20/2012			Vs email. Say requests comments from Vackey (TCEO). Aller
2 3 4 5 5 XXXX 1 1 2	survey.  RIVSF - Fate & Trensgort model cludy & response.  RIVSF - Fate & Trensgort model cludy & response.  RIVSF - Conjette TAG for USACOE Tech Assistance.  RIVSF - On QUIT 67/612 Responsint posted the Open Beseline  Ecosgosal Risk Assessment to the to the project document webuilt, in the "SURVEY-Working-Documents" directory.  RIVSF - Un-mixing enabus meeting for the SURV bits Wednesday  3/21/12 (ap. noon all TOSE) in Austin.  ONGOING ACTIVIS ITEMS EROM PREVIOUS MEETINGS.  TORA - Vet in proprietd gopy of Respondents Survey of the cap	XXXX	Gary Gery Gery	3/21/2012 3/11/2012 3/20/2012			Via email, Gary requests comments from Voskov (TCEQ), Allen
3 4 5 5 XXXX 1 2 3	RISS - Falle & Trensport model study & response, RIFS - Complete TAG for MACOCE Tech Assistance. RIFS - On 03/16/12 Respondents posted the Draft Baseline Ecological Risk Assessment for the to the project document website, in the "SJRWP-Warking-Documental" directory. RIFS - Un-misting analysis meeting for the SJRW site Wednesday 3/21/12/8 am_noon of TCSO in Assistance ONGOING ACTIVE TEMS FROM PREVIOUS MEETINGS. TCRA - Visit processed copy of Respondents Survey of the cap	XXXX	Gery Gery	3/11/2012 3/20/2012			Via email, Gary requests comments from Voskov (TCEQ), Allen
5 5 XXXX 1 2 2 2 3	REFS - On 03/16/12 Respondents posted the Draft Basekine Ecological Risk Assessment in the to the profed document website, in the "SJRWP-Working-Documents" directory. REFS - Un-mixing enalysis meeting for the SJRW site Wednesday 372/12/2 am_noon all TOED in Assets. ONGOING ACTIVE ITEMS FROM PREVIOUS MEETINGS TORA - Vet to recorred copy of Respondents Survey of the cap	XXX	Gary	3/20/2012		ļ	Via email, Gary requests comments from Voskov (TCEQ), Allen
5 XXXX 1 2 3	Ecological Risk Assessment to the to the project document website, in the 15 JRPU-Working-Document's directory.  RIFES - Un-mixing makeurs meeting for the SJRIW little Wednesday 3/21/12 (ap. noon all TOSE) in Austra.  ONCOMO ACTIVE ITEMS FROM PREVIOUS MEETINGS.  TORA - Vet in proprietd uppy of Respondents Survey of the cap.	XXXX				١,	I via eniali, Gary requests comments nom vossov (TCEQ), Alien
2 3	RVFS - Un-mixing analysis meeting for the SJRW site Wednesday 3/21/52 (8 em _ noon at TOEO in Austin. ONGORIG ACTIVE ITEMS FROM PREVIOUS MEEYINGS TORA - Vet to received copy of Respondents Survey of the cap	XXXX	Gery				(HCTX), Housler & Henry (POHA), White (NOAA), & Turner, Tahone,
2 3	3/21/52 (9 am - noon at TCEO in Austin. ONGOING ACTIVE ITEMS FROM PREVIOUS MEETINGS TORA - Val to received copy of Respondents Survey of the cap	XXXX	Gary		<u> </u>	·	Barth, & Becher NLT 03/20/12.
1 2 3	TCRA - Val to received copy of Respondents Survey of the cap	XXXX		3/21/2012			
3	Community Awareness Meeting.		XXXX		XXXX		**********************
			Vel Donn	02/29/12		Done .	Last CAC meeting 02/22/12, Next CAC meeting 04/05/12 at regular
<u> </u>					11		time & place.
4	Community Engagement Initiative		Donn	Spring 12		On-going	Donn will see if GSF is CK with EPA participating in their next meeting
	RIFS - Status of RPM response to SJRF concerning plungs and other		Gary	03/16/12		1	Gary has forwarded SJFR Letter to CIC (City of Houston, Port Author
	plenned construction between west side of cap and (SJRF) properly.			1 /	[ ]	1	and TCEQ) and other interested parties for review and comment. Ge
					1	i '	wife review SJRF letter & consolidate at received comments. Gary will prepare EPA approving and/or approving with modifications SJFR's
							plan.
\$	RISF - Work plan requising respondents expand sampling in southern impound-ment to include testing for VOCs.		Gary	02/17/12	02/29/12	Done	Soil & GW SAP for S. impoundment - comment letters require VOC.SVOC samples - letters sent 3/06/12, Soil & GW letter sent
					l	1	3/7/12.
6	RIFS - Watershed rick levels of POHA		Phi	03/08/12			To address scenario per POHA 07/29/11 letter
7	RWFS - Policy letter revising SJRWP special permits area conditions & revise boundaries after completion of risk levels		Stephen & Phil	04/08/12	09/15/12	4	Letter to TCEQ, USSACE, and POHA
8	RIFS - Color coding project		Phil	08/15/12		On-going	Casey has removed this Site from the color coding national contract
					[ ]	1	project/tack for which she is the project manager. Casey has advised Phil that she will arrange to forward to him all work that contractor has
					1	į į	already been completed for this Site. As of 03/20/12 Phy has not yet
						1	received the contractor's work in progress materials,
9	RVFS - Prepare/mail 104(e) letters to current/past owners of S.		Bob	12/15/11	03/03/52	On held	Prior to preparing a letter(s), Bob will await Team's decision if
	impoundment properties for information concerning VOCs/DNAPLs.					1	Respondents will be responsible to remediate VOGs/DNAPLs found in
10	found in the S. Impoundment area.  RUFS - Complete title tree (obtain deed copies) for Southern		300		03/07/12	On hold	the S. impoundment area.  1) Deed copies for current owners of record in the S. impoundment
	impoundment area from 1960 to present.		5.00		03/07/12	Utt rigid	stee have been collected. 2) Prior to spending additional time collecting
			,		1	į	historical deeds to complete title tree back to 1960, Werner is awaiting
						1	Team's decision of Respondents will be responsible to remediate VOCS/DNAPLs found in the S. impoundment area
					L		
71	TORA - EPA response to Respondents' latest submission conserning pspulated penalties.		Jeosica & Ann	Mid-March	04/30/12	On-going	
12	TCRA - Status of Administrative Record File.		Jessica & Val	11/30/11	01/30/12		1-TCRA daft submitted, awaiting POHA response 2- Awaiting RA
13	Legislative update info to Cindy		Jessica, Val., Gary &	1st of each	$\vdash$	0	report
			Donn	month		On-going	
14	Status of SJRF's site access to Respondents.		Respondents			On-going	Respondents working with & SFRF to obtain access agreement.
15	TCRA - Final report		V#	03/01/12			Removal report revisions back to EPA by 3/9/12. Val will review for
						1 .	respondents to comment. Decision planned by end of end of week.
16	RVFS - Status of records into SDMS.		Bob, Jestica, Val, Gary,	<del>                                     </del>	·	On-ocino	May modify as necessary g Updating
			Stephen			<u> </u>	
XXXX	COMPLETED ITEMS  RIFS - Prepare letters to residents concerning dioxin sample results.	XXXX	XXXX Gary	12/09/11			
	1997 & * C. Epig G resion & to resource a Governor of Green Section (		Gally .	.209	01/27/12	Done	concern.(Screening lever for residential soil = 50 PMT - Samples take
	TCRA - Quarterly Cap inspection		Vel	1	<del>                                     </del>	Done	ranged from 2 to 12 PPT)
	I CHOX - Quickerly Cash inspection		V&	02/11/12		02/11/12	2
-	RIFS - Discussion - should disposition of send from past dredging		Gary			Done	Decision made - this is not part of the Site.
	operations be addressed as part of this action  RUFS - Status of plan from of Sen Jacinto River Fleet (SJRF)		Brian Damel, VP - SJRF	+-		Done	2/3/12 - SJFR letter received at EPA.
	concerning pilings and other planned construction between west side				1	1	
	of cap and (SURF) property.  Community involvement Plan		Donn		12/31/11		<del></del>
	Carlos/Don agreed that S impoundment area should be treated as a		Carlos/Don	12/15/11	1221111	Done	Decision based upon sample finding of buried hydrocarbons / VOCs./
	separate OU of the SJRWP site.					1	DNAPLs on parts of the S impoundments. Final status of CtJ2 designation?
	Draft response to questions from latest community meeting		Stephen (fead)	-		Dona	
				11/56/15		1 .	EFA realise questions will be passed on to appropriate agencies.
•	Letter response to River Fleet concerning Fleet's proposed plan in special permit grea.		Gary	11/15/11	01/13/12	Done	River Fleet construction pending advice from EPA. Gary awaiting advice from POHA.
	Cap completion		Val	09/09/11	09/09/11		Cap completed - Awaiting Snal report ????
•	Penalties Chart to include all deliverables the PRPs have missed.		Val. Jessica, & Barbara	01/26/11	7	Done	Sent with TCRA - Notice of violation letter.
	TCRA - Notice of violation Letter.		Jessica & Ann	08/15/11	11/30/11		PRP response in 4 boxes now in Don's office
•	Community Involvement,		Donn			Done	CAC meeting 11/16/11 at regular time & place
						Done	1
	MOU with Port of Houston Authority for SJRWP site & Patrick Bayou		Jessca/Ann	09/09/11		Durc	1
	MOU with Port of Houston Authority for SJRWP site & Patrick Bayou Site. RVFS - Evaluate 104(e) response from MegaSand Enterprises, Inc. to		Jessica/Ann Gary/Stephen	09/09/11	$\vdash$	Done	
	MOU with Port of Houston Authority for SJRWP site & Patrick Bayou Site. RIFS - Evaluate 104(e) response from MegaSand Enterprises, Inc. to determine if other location(s) with dredged materiate from site area.						
	IAIOU with Part of Houston Authority for SJRWIP site & Patrick Bayou Site. Site. RRIFS: Evaluate 1040-(1 response from MegaSand Enterprises, Inc. to determine if other bocation(s) with dredged materials from site area east. Address compliants by portocular recedents that TCRA activities are					Done	
	MOU with Port of Houston Authority for SJRWP site & Patrick Bayou Site. RIFS - Evaluate 104(e) response from MegaSand Enterprises, Inc. to determine if other location(s) with dredged materiate from site area.						

								1
Status of site access fr	om Big Star Boat & Barge to PRPs			Werner/Jessica			Done	Werner sent emails to Jay Roberts 7/8/11 & 7/11/11. No reply yet received. Jessica plans to talk to Mark about future efforts for EPA to get site access.
* Fingerprints of Souther	n Impoundment Samples			Stephen, Gary		Finger printing done by TCEQ	No action	Discussion - Before spending time to looking for possible sources of dioxins found in the southern impoundment area, should decision be made if removal will be required or should if dioxins should be left in place with deed restrictions on the effected properties?
* Fingerprints of Souther	n Impoundment Samples			Stephen, Gary			Done 6/23/11	Discussion - 104(e) letters needed for Patrick Bayou PRPs? Probable generators/transporters of finger printed waste. Bob will talk to Ann/Patrice about generators/transporters
Financial Assurance - A Bond" #1055284 (TCR.	Availability of funds from MIMC's "Payment A)	L	OW	Bob & Barbara	01/31/11	03/30/11	Pending need & available	Industrial Economics recommends EPA consider requiring MIMC to submit a revised payment bond with language matching that of the sample CERCLA payment bond
							time	
* TCRA - Public commer				Jessica, Val, & Donn				Not required.
	04(e) letter to MegaSand Enterprises, Inc.			Bob	05/11/11	07/05/11	Done mailed 6/7/11	Questions concerning (1) who MEI sold dredged sand to, (2) detailed locations from which MEI dredged N & W of the MIMC property, (3) MEI's placement of clay, i.e., overburden, from its dredging operations.
* RI/FS - RPM to evaluat	te recently received invalidated southern pit soil			Gary/Stephen	5/27/2011		Done 6/01/11	
	om Big Star Boat & Barge to PRPs			Gary			Done	Gary made phone contact with Jay Roberts & Jay told Gary that future EPA contact with him should be via mail or email.
Community Engagement				Donn				Team decision, this activity not required.
* Status of site access fr	om Big Star Boat & Barge to PRPs			Gary			Done	Gary made phone contact with Jay Roberts; Jay told Gary that all future EPA contact to him should be via mail or email.
Schedule site update bit	riefing for Sam			Team		7/7/2011	Done	
	ation of PRP's work plan to sample			Jessica & Gary/Stephen	06/24/11		Done	
	requirement to sample the residential yards			Barbara & Gary/Stephen	05/29/11		Done	5/29/11 - Demand letter mailed to PRPs
	s response to EPA's demand to sample.			Barbara & Gary/Stephen	05/31/11			5/31/11 - Received confirmation - PRPs have agreed to sample. Plan to have conference call with PRPs later this week.
	PRP's work plan to sample - displacement of sludge from west pit caused			Barbara & Gary/Stephen	06/20/11		Done Done	5/20/11 - PRPs stabilized soil by mixing Portland cement into low lying
by weight of construction	on equipment.							areas in western cell for solidification and stabilization of waste prior to placement of the geotextile / geomembrane fabric and armor cap.
	luate validated southern pit soil samples.			Gary/Stephen	6/17/2011		Done 6/01/11	
RI/FS - Site team will, climplication of MIM/Cs cs southern pit soil samplin	during next week's pre-meeting, consider continued refusal to comply with order for ng.			Barbara, Bob, Gary/Stephen	Team decision NLT 5/11/2011		Done	5/23/11 - Per Lydia, no action required by EPA against MIMC as long as IP (anyone party in the PRP group complies.
management's weekly i	1 of site team's decision to replace meeting with a monthly meeting. Site team isting weekly site meetings on Mondays.			Site Team	3/11/2011		Done	5/11/11 - Team's decision overrulled by management. Management's weekly site meeting will continue until further notice.
* RI/FS - Locations for sa (land area south side of	ample testing at the southern impoundment			Stephen & Barbara	04/27/11		Done	Per Carlos, this matter has been resolved and the issue is closed.
* Road Improvement ove	r TXDOT Right- of-way.	Н	ligh	Val	04/01/11	04/13/11		
	e update from Public Affairs/ Cindy Fanning						Done 4/06/11	OK as written
Pictures of the southern	,			Bob	03/30/11		Done	Following photos obtained 1/1960, 3/1961, 10/8/1964, 11/1966, 1/1970, 1/1973 (1965 aerials possibly available from photo collections at Houston Library). Per Wren (3/30/11) at this time there is no need to continue search for 1965 photos.
	uthern impoundment (RI/FS matter).  tter to International Paper Company			Barbara Werner	N/A	Per Wren.	Done Done	PRP's have obtained needed access.  Questions concerning (a) closure of sludge pits at the now closed
Зириопена точе) re	кен отпенваюна Рарег Сопрану			vv er i lei		no further action on this matter	Done	Champion paper mill (CPM) in Pasadena and (b) releases of paper mill waste from the CPM facility into the San Jacinto River.
Consideration of the CF the San Jacinto River V	PM as a separate Site or as an operation unit of Vaste Pits site.			Werner	N/A	Per Wren, no further action on this matter	Done	
* Status of soil sampling Site's blue boundary (R	on residential properties inside and outside the			Stephen & Barbara			Done	Matter resolved. Soil samples will be taken from a limited number of residences near, but outside the blue line.
* TCRA Work Takeover	Letter.	Н	ligh	Barbara/Val	01/26/11		Done	Not scheduled until Financial issues resolved.
* Work Plan / Work Phas			ligh	Val	02/20/11		Done	
Mobilization.     Bond Letter			ligh ligh	Val Bob	03/31/11	01/18/11	Done Done	Bond rec'd 1/18/11.
	respondents Force Majeure Letter		ligh	Barbara/Val	01/21/11	31110/11	Done	Signed EPA response letter to respondents Force Majeure Letter
Potential lay-down area	s	н	ligh	Val	01/21/11	02/04/11	Done	mailed 2/16/11 "LaBarge" property selected as the lay-down area.
Funds needed for EPA	TCRA takeover.		ligh	Lydia	07/27/11	OL/OWIT		HQ/Leverage: none rec'd. ASARCO Reclass: will swap Removal funds until reclassification completed. Financial Assur (bond) will begin
* Begin removal work on	MIMC property.	н	ligh	Val	04/07/11	Done	-	process to access.
* Site Walk-through			ligh	Val	01/21/11		Done	To identify any AOC violations.
are part of the original 1	properties adjacent to the MIMC property that 190.8 acre Spata tract of land and descriptions g Star/TXDOT properties.	Н	ligh	Bob	01/21/11		1/21/11 Done 1/19/11	Obtained copies of all applicable recorded deeds and copies of all applicable recorded easements and provided all to GIS.
Financial Assurance - A	Availability of funds from MIMC's "Payment	Н	ligh	Barbara	01/19/11		Done	Call Craig Kaufman on specifics of accessing funds. Accessing funds
	A) and Easement Information for TXDOT and Big	Н	ligh	Bob	01/20/11		1/19/11 Done	requires: 1) NOV ltr 2) Takeover ltr Obtained copies of all applicable recorded deeds and copies of all
Star properties.				Dah	04/04/44	00/00/47		applicable recorded easements and provided all to GIS.
overlayed on a Google	(DOT, Big Star, and MIMC boundaries Earth display of the I-10 Bridge area).	н	ligh	Bob	01/24/11	02/02/11	Done 1/26/11	Copies of applicable deeds and easements given to GIS on 1/20/11.
				•				· · · · · · · · · · · · · · · · · · ·

 Team members

Barbara Nann

Jessica Hernandez

Valmichael Leos

Gary Miller

Stephen Tzhone

Donn Walters

Robert Werner

Phil Turner

## Frequent meeting guests

Wren Stenger

Richard Wooster

Don Williams

Charles Faultry Carlos Sanchez

Lydia Johnson

Larry Andrews

Carlos Sanchez

Lydia Johnson

Larry Andrews

## Applicable Acronyms

DNAPL

Dense Non-Aqueous Phase Liquid

Volatile organic compounds

VOCs

TAG GBF USACOE BERA SFRF CAC PCS/HCTX NOAA

Technical Assistance Grant

**Galvestown Bay Foundation** United States Corp of Engineers Baseline Ecological Risk Assessment San Jacinto River Fleet , LLC Community Awareness Committee Polution Control, Harris County, TX

National Oceanic and Atmosphere Administration

03/21/12

No meeting No meeting

No meeting

No meeting No meeting

No meeting

No meeting No meeting

No meeting No meeting

No meeting

No meeting No meeting

No meeting

No meeting No meeting

No meeting

No meeting

(1) A liquid which consists of a solution of organic compounds (e.g., chlorinated hydrocarbons) and

denser than water. DNAPLs sink through the water column until they reach the bottom of the aguifer where they

form a separate layer. Unlike LNAPLs, DNAPLs flow down the slope of the aquifer bottom... (2) Non-aqueous phase liquids such as chlorinated hydrocarbon solvents or petroleum fractions with

a specific gravity greater than 1.0 that sink through the water column until they reach a confining layer. Because they are

at the bottom of aquifers '(2) instead of floating on the water table, typical monitoring...

(VOCs) are organic chemicals that have a high vapor pressure at ordinary, room-temperature conditions. Their high

vapor pressure results from a low boiling point, which causes large numbers of molecules to evaporate or sublimate

from the liquid or solid form of the compound and enter the surrounding air. An example is

boiling point of –19  $^{\circ}\text{C}$  (–2  $^{\circ}\text{F}),$  slowly exiting paint and getting into the air.

Many VOCs are dangerous to human health or cause harm to the environment. VOCs are numerous, varied, and ubiquitous.

They include both man-made and naturally occurring chemical compounds. VOCs play an important role in communication

between plants. [1] Anthropogenic VOCs are regulated by law, especially indoors, where concentrations are the highest.

VOCs are typically not acutely toxic, but instead have compounding long-term health effects.

are usually low and the symptoms slow to develop, research into VOCs and their effects is difficult.